IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Atty. Docket

RAKESH TAORI ET AL. NL 000632

Serial No. Group Art Unit

Filed: CONCURRENTLY Ex.

Title: A COMMUNICATION SYSTEM HAVING BAD FRAME INDICATOR MEANS FOR RESYNCHRONIZATION PURPOSES

Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Prior to calculation of the filing fee and examination, please amend the above-identified application as follows:

IN THE CLAIMS

Please amend claims 3, 4, 6 and 7 as follows:

3. (Amended) The communication system (1) according to claim 1, characterized in that the resynchronization means (7) include a mutually coupled resynchronization encoder decoder pair (15, 16) for implementing a possible resynchronization procedure.

4. (Amended) The communication system (1) according to claim 1, characterized in that the resynchronization means (7) are arranged for effecting at least a partial reset of the transmitter (2) upon receipt of BFI related data from the receiver (3).

6. (Amended) A transmitter (2) for application in a communication system (1) according to claim 1, the communication system (1) comprising the transmitter (2), a receiver (3), and an up/down link communication channel (4, 6) arranged for data communication from the transmitter (2) through the up link

communication channel (4) to the receiver (3), whereby the communication system (1) is further arranged to feedback data from the receiver (3) through the down link communication channel (6) to the transmitter (2), characterized in that the receiver (3) comprises a bad frame indicator (5) for providing a bad frame indication (BFI) upon receipt of a corrupted frame, which is present in synchronized data communicated over the up link communication channel (4); and that the transmitter (2) comprises resynchronization means (7) coupled to the down link communication channel (6) for receiving BFI related data and in response thereto recommencing data communication over the up link communication channel (4), in accordance with a resynchronization procedure, which starts from a predetermined state.

7. (Amended) A receiver (3) for application in a communication system (1) according to claim 1, the communication system (1) comprising a transmitter (2), the receiver (3), and an up/down link communication channel (4, 6) arranged for data communication from the transmitter (2) through the up link communication channel (4) to the receiver (3), whereby the communication system (1) is further arranged to feedback data from the receiver (3) through the down link communication channel (6) to the transmitter (2), characterized in that the receiver (3) comprises a bad frame indicator (5) for providing a bad frame indication (BFI) upon receipt of a corrupted frame, which is present in synchronized data communicated over the up link communication channel (4); and that the transmitter (2) comprises resynchronization means (7) coupled to the down link communication channel (6) for receiving BFI related data and in response thereto recommencing data communication over the up link communication channel (4), in accordance with a resynchronization procedure, which starts from a predetermined state.

REMARKS

The foregoing amendment to claims 3, 4, 6 and 7 were made solely to avoid filing the claims in the multiple dependent form so as to avoid the additional filing fee.

The claims were not amended in order to address issues of patentability and Applicant respectfully reserves all rights under the Doctrine of Equivalents. Applicant furthermore reserves the right to reintroduce subject matter deleted herein at a later time during the prosecution of this application or continuing applications.

Respectfully submitted,

By ____________________

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Appendix A

Version with Markings
to Show Changes Made to the Claim
The following are marked up versions of amended claims 3, 4, 6 and 7:

3. (Amended) The communication system (1) according to claim 1 ~~one of the claims 1 or 2~~, characterized in that the resynchronization means (7) include a mutually coupled resynchronization encoder decoder pair (15, 16) for implementing a possible resynchronization procedure.

4. (Amended) The communication system (1) according to claim 1 ~~one of the claims 1 3~~, characterized in that the resynchronization means (7) are arranged for effecting at least a partial reset of the transmitter (2) upon receipt of BFI related data from the receiver (3).

6. (Amended) A transmitter (2) for application in a communication system (1) according to claim 1 ~~one of the claims 1-5~~, the communication system (1) comprising the transmitter (2), a receiver (3), and an up/down link communication channel (4, 6) arranged for data communication from the transmitter (2) through the up link communication channel (4) to the receiver (3), whereby the communication system (1) is further arranged to feedback data from the receiver (3) through the down link communication channel (6) to the transmitter (2), characterized in that the receiver (3) comprises a bad frame indicator (5) for providing a bad frame indication (BFI) upon receipt of a corrupted frame, which is present in synchronized data communicated over the up link communication channel (4); and that the transmitter (2) comprises resynchronization means (7) coupled to the down link communication channel (6) for receiving BFI related data and in response thereto recommencing data communication over the up link communication

channel (4), in accordance with a resynchronization procedure, which starts from a predetermined state.

7. (Amended) A receiver (3) for application in a communication system (1) according to claim 1 ~~one of the claims 1-5~~, the communication system (1) comprising a transmitter (2), the receiver (3), and an up/down link communication channel (4, 6) arranged for data communication from the transmitter (2) through the up link communication channel (4) to the receiver (3), whereby the communication system (1) is further arranged to feedback data from the receiver (3) through the down link communication channel (6) to the transmitter (2), characterized in that the receiver (3) comprises a bad frame indicator (5) for providing a bad frame indication (BFI) upon receipt of a corrupted frame, which is present in synchronized data communicated over the up link communication channel (4); and that the transmitter (2) comprises resynchronization means (7) coupled to the down link communication channel (6) for receiving BFI related data and in response thereto recommencing data communication over the up link communication channel (4), in accordance with a resynchronization procedure, which starts from a predetermined state.